



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Tomomi KAWASE et al.

Group Art Unit: 2861

Application No.: 10/020,244

Examiner: L. Nguyen

Filed: December 18, 2001

Docket No.: 111246

For: METHOD AND APPARATUS FOR PRODUCING COLOR FILTER, METHOD AND APPARATUS FOR MANUFACTURING LIQUID CRYSTAL DEVICE, METHOD AND APPARATUS FOR MANUFACTURING EL DEVICE, METHOD OF DISCHARGING MATERIAL, APPARATUS FOR CONTROLLING HEAD AND ELECTRONIC APPARATUS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, Notice of Allowance or other action that closes prosecution (e.g., Quayle Action).
- a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- 2. English-language Abstracts of the non-English language references are attached hereto.

3. Computer-generated English translations of the following Japanese Patent Publications have been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and are attached, but have not been reviewed for accuracy. See References 4 and 5.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

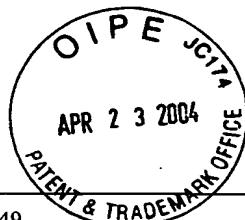
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JAO:MQB/ale

Date: April 23, 2004

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Sheet 1 of 1

| Form PTO-1449<br>(REV. 8-83)  |   | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE |            | ATTY DOCKET NO.<br>111246          | APPLICATION NO.<br>10/020,244 |           |
|---|---|---|------------|------------------------------------|-------------------------------|-----------|
| INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary)   |   |   |            | APPLICANTS<br>Tomomi KAWASE et al. |                               |           |
|   |   |   |            | FILING DATE<br>December 18, 2001   | GROUP<br>2861                 |           |
| U.S. PATENT DOCUMENTS   |   |   |            |                                    |                               |           |
| EXAMINER INITIAL  |   | DOCUMENT NUMBER                                   | DATE       | NAME                               | CLASS                         | SUB CLASS |
|   | 1 | 6,277,529 B1                                      | 08/21/2001 | Marumoto et al.                    |                               |           |
|   |   |   |            |                                    |                               |           |
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| FOREIGN PATENT DOCUMENTS  |   |   |            |                                    |                               |           |
|   |   | DOCUMENT NUMBER                                   | DATE       | COUNTRY                            | CLASS                         | SUB CLASS |
|   | 2 | EP 0829368 A                                      | 03/18/1998 | Europe                             |                               |           |
|   | 3 | EP 1208985 A                                      | 05/29/2002 | Europe                             |                               |           |
|   | 4 | JP 2000-089017 A                                  | 03/31/2000 | Japan                              |                               |           |
|   | 5 | JP 2000-323276 A                                  | 11/24/2000 | Japan                              |                               |           |
|   |   |   |            |                                    |                               |           |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |   |   |            |                                    |                               |           |
|   |   |   |            |                                    |                               |           |
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| EXAMINER  |   |   |            |                                    | DATE CONSIDERED               |           |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |   |   |            |                                    |                               |           |